

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| S1    | 1    | "10535597"  | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/04/23<br>08:51 |
| S2    | 19   | ((JONATHAN) near2<br>(DENYER)).INV.   | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/04/23<br>09:26 |
| S3    | 19   | ((JONATHAN) near2<br>(DENYER)).INV.   | EPO; JPO;<br>DERWENT      | AND              | ON      | 2009/04/23<br>09:28 |
| S4    | 8    | ((IVAN) near2<br>(PRINCE)).INV.   | US-PGPUB;<br>USPAT        | AND              | ON      | 2009/04/23<br>09:28 |
| S5    | 7    | ((IVAN) near2<br>(PRINCE)).INV.   | EPO; JPO;<br>DERWENT      | AND              | ON      | 2009/04/23<br>09:28 |
| S6    | 8    | US-6119953-\$ DID. OR<br>US-5906202-\$ DID. OR<br>US-5713349-\$ DID. OR<br>US-5404871-\$ DID. OR<br>US-4677975-\$ DID. OR<br>US-20020104532-\$.<br>DID. OR US-2320900-\$.<br>DID. OR EP-0910421-\$.<br>DID. OR EP-0824023-\$.<br>DID. OR EP-0627266-\$.<br>DID. OR WO-9417370-\$.<br>DID. OR WO-9852633-\$.<br>DID. OR WO-9963946-\$.<br>DID. OR WO-0209574-\$.<br>DID. OR WO-03059423-\$.<br>DID. OR WO-02058771-\$.<br>DID. OR WO-0158514-\$.<br>DID. OR WO-0038770-\$.<br>DID. OR WO-0050111-\$.<br>DID. OR WO-0024445-\$. | US-PGPUB;<br>USPAT; USOCR | AND              | ON      | 2009/04/23<br>09:30 |
| S7    | 2    | GB-2320900-\$ did.  | EPO; JPO;<br>DERWENT      | AND              | ON      | 2009/04/23<br>09:32 |
| S8    | 1    | EP-910421-\$ did.   | EPO; JPO;<br>DERWENT      | AND              | ON      | 2009/04/23<br>09:34 |
| S9    | 1    | 1998-062865.NRAN.   | DERWENT                   | AND              | ON      | 2009/04/23<br>09:35 |
| S10   | 2    | EP-1142600-\$ did.  | EPO; JPO;<br>DERWENT      | AND              | ON      | 2009/04/23<br>09:37 |

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|-----|-----|--|----------------------|-----|----|---------------------|
| S11 | 2   | EP-824023-\$ did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:38 |
| S12 | 2   | EP-627266-\$ did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:39 |
| S13 | 2   | WO-9417370-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:40 |
| S14 | 2   | WO-9852633-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:40 |
| S15 | 2   | WO-9963946-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
| S16 | 0   | WO-200209574-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
| S17 | 1   | WO-0209574-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:41 |
| S18 | 1   | WO-03059423-\$ did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:42 |
| S19 | 1   | WO-02058771-\$ did.  | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:43 |
| S20 | 1   | WO-0158514-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:44 |
| S21 | 1   | WO-0038770-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:44 |
| S22 | 1   | WO-0050111-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:45 |
| S23 | 1   | WO-0024445-\$ did.   | EPO; JPO;<br>DERWENT | AND | ON | 2009/04/23<br>09:45 |
| S24 | 149 | inhal\$ same (airflow or<br>air-flow or air adj flow)<br>same sensor same<br>signal\$4 same control<br>\$3 | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>09:53 |
| S25 | 985 | 128/204.21.ccis.   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:32 |
| S26 | 741 | S25 and method   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S27 | 585 | S26 and sensor   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S28 | 545 | S27 and signal\$   | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S29 | 276 | S28 and<br>microprocessor  | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>13:54 |
| S30 | 7   | (inhaler and training<br>and device).ti,ab.  | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>14:00 |
| S31 | 672 | inhaler and (signal\$<br>with (cease or stop)<br>inhal\$)  | US-PGPUB;<br>USPAT   | AND | ON | 2009/04/23<br>14:04 |

|     |    |   |                                     |     |    |                     |
|-----|----|---|-------------------------------------|-----|----|---------------------|
| S32 | 62 | US-20060243277-\$ or<br>US-20090025718-\$ or<br>US-20090025714-\$ or<br>US-20080257337-\$ or<br>US-20080047553-\$ or<br>US-20070125370-\$ or<br>US-20050229931-\$ or<br>US-20030146300-\$ or<br>US-20010022279-\$ or<br>US-20020104532-\$ or<br>US-20040123864-\$ or<br>US-20040089299-\$ or<br>US-20040084044-\$ or<br>US-20030223936-\$ or<br>US-200302055229-\$ or<br>US-20030019493-\$ or<br>US-20020104530-\$ or<br>US-20020011247-\$ or<br>US-20020023639-\$ or<br>US-20020112723-\$ or<br>US-20020185125-\$).<br>did. or (US-5842468-\$ or US-6116233-\$ or US-6129080-\$ or US-6131568-\$ or US-6192876-\$ or US-6237589-\$ or US-6367470-\$ or US-6584971-\$ or US-7451760-\$ or US-RE40591-\$ or US-6119953-\$ or US-5906202-\$ or US-5713349-\$ or US-5404871-\$ or US-4677975-\$ or US-7073499-\$ or US-6886557-\$ or US-6782886-\$ or US-6637430-\$ or US-6629526-\$ or US-6443146-\$ or US-6205999-\$ or US-6152130-\$ or US-6131570-\$ or US-5894841-\$).did. or (GB-2395437-\$).did. or (GB-2320900-\$ or WO-9748431-\$ or WO-0037132-\$ or EP-824023-\$ or EP-627266-\$ or WO-9417370-\$ or DE-19720701-\$ or WO-9963946-\$ or WO- | US PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/04/23<br>14:22 |
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|     |     | 0209574-\$ or WO-03059423-\$ or WO-02058771-\$ or WO-0158514-\$ or WO-0038770-\$ or WO-0050111-\$ or GB-2343122-\$).did.  |                 |     |    |                  |
| S33 | 5   | S32 and cease   | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:22 |
| S34 | 58  | S31 and microprocessor  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:24 |
| S35 | 2   | inhaler same signal same (stop or cease) same inhalation  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:28 |
| S36 | 138 | inhaler and ((stop or cease) with inhalation)   | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:28 |
| S37 | 199 | inhaler and (threshold near5 time)  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:33 |
| S38 | 179 | S37 and signal\$  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:33 |
| S39 | 114 | S38 and microprocessor  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:34 |
| S40 | 94  | S39 and sensor  | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:34 |
| S41 | 1   | "5906202".pn.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 14:36 |
| S42 | 75  | (US-20060243277-\$ or US-20070125370-\$ or US-20090025714-\$ or US-20030221687-\$ or US-20050217666-\$ or US-20050279349-\$ or US-20070267010-\$ or US-20080142002-\$ or US-20030136400-\$ or US-20090020113-\$ or US-20090056708-\$). did. or (US-5839429-\$ or US-5794612-\$ or US-6085742-\$ or US-4300385-\$ or US-4981295-\$ or US-5429122-\$ or US-5450336-\$ or US-5608647-\$ or US-5743252-\$ or US-5333106-\$ or US-4558710-\$ or US-5839434-\$ or US-6427681-\$ or US-6431166-\$ or US- | US-PGPUB; USPAT | AND | ON | 2009/04/23 15:30 |

|     |   |   |                    |     |    |                     |
|-----|---|---|--------------------|-----|----|---------------------|
| S43 | 3 | 6431167-\$ or US-<br>4870961-\$ or US-<br>4470412-\$ or US-<br>6102036-\$ or US-<br>5577497-\$ or US-<br>6055980-\$ or US-<br>6044841-\$ or US-<br>5458135-\$ or US-<br>5522385-\$ or US-<br>5775320-\$ or US-<br>5813401-\$ or US-<br>6070575-\$).did. or (US-<br>6138668-\$ or US-<br>6230706-\$ or US-<br>6260549-\$ or US-<br>6318361-\$ or US-<br>6325062-\$ or US-<br>6425392-\$ or US-<br>6450163-\$ or US-<br>6681767-\$ or US-<br>6772754-\$ or US-<br>7458373-\$ or US-<br>4248245-\$ or US-<br>4935966-\$ or US-<br>5307793-\$ or US-<br>5720709-\$ or US-<br>5765552-\$ or US-<br>5970976-\$ or US-<br>4317453-\$ or US-<br>4090078-\$ or US-<br>4300384-\$ or US-<br>4314564-\$ or US-<br>5452712-\$ or US-<br>6110123-\$ or US-<br>4602171-\$ or US-<br>4622963-\$ or US-<br>4788456-\$ or US-<br>5239994-\$ or US-<br>5747002-\$).did. or (US-<br>6845770-\$ or US-<br>5020527-\$ or US-<br>5323772-\$ or US-<br>5370112-\$ or US-<br>5435301-\$ or US-<br>5476091-\$ or US-<br>5606968-\$ or US-<br>5611333-\$ or US-<br>5653224-\$ or US-<br>5692493-\$ or US-<br>5755224-\$).did. | US-PGPUB;<br>USPAT | AND | ON | 2009/04/23<br>15:36 |
|-----|---|---|--------------------|-----|----|---------------------|

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|-----|------|--|-----------------|-----|----|------------------|
| S44 | 0    | (inhaler dispenser atomizer nebulizer) with inhalation with time with (measure sense record) | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:02 |
| S45 | 9    | (inhaler dispenser atomizer nebulizer) with inhalation with time with (measure sense record) | US-PGPUB; USPAT | OR  | ON | 2009/04/23 16:03 |
| S47 | 1017 | 128/200.24.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:04 |
| S48 | 81   | S47 and (time with (measure or sense or record))   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:05 |
| S49 | 377  | 128/202.22.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:18 |
| S50 | 0    | S49 and (inhalation with time with (measure sense record))                                   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:18 |
| S51 | 49   | 128/203.13.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:29 |
| S52 | 215  | 128/203.14.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:32 |
| S53 | 731  | 128/204.26.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:35 |
| S54 | 0    | S53 and (inhalation with time with (measure sense record))                                   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:35 |
| S55 | 2    | S53 and (time with (measure sense record))   | US-PGPUB; USPAT | AND | ON | 2009/04/23 16:36 |
| S56 | 78   | "L53" and inhaler  | US-PGPUB; USPAT | AND | ON | 2009/04/24 08:21 |
| S57 | 731  | 128/204.26.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/24 08:22 |
| S58 | 11   | S57 and inhaler  | US-PGPUB; USPAT | AND | ON | 2009/04/24 08:22 |
| S59 | 0    | S57 and (inhalation with time with (measure sense record))                                   | US-PGPUB; USPAT | AND | ON | 2009/04/24 08:30 |
| S60 | 40   | S57 and (inhalation same time same (measure sense record))                                   | US-PGPUB; USPAT | OR  | ON | 2009/04/24 08:31 |

|     |      |   |                 |    |    |                  |
|-----|------|---|-----------------|----|----|------------------|
| S61 | 75   | (inhaler or nebulizer or dispenser or atomizer) same (breath or inhalation) same (time or duration or span) same (train\$3 or optimiz\$5)                   | US-PGPUB; USPAT | OR | ON | 2009/04/24 08:46 |
| S62 | 1192 | 128/204.23.ccls.  | US-PGPUB; USPAT | OR | ON | 2009/04/24 09:45 |
| S63 | 114  | S62 and (inhalation same time same (measure sense record))  | US-PGPUB; USPAT | OR | ON | 2009/04/24 09:45 |
| S64 | 15   | inhaler and (signal with stop with (inhalation or breathing))   | US-PGPUB; USPAT | OR | ON | 2009/04/24 09:55 |
| S65 | 3    | inhaler same ((variable or adjustable or optimize) with ((inhalation or inspiration or breath) near3 (cycle or duration or span or lapse or time)))         | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:33 |
| S66 | 1    | inhaler same ((adjustable or variable) with (inspiration or inhalation) with (time or time-span or (time adj span) or duration or span or length or cycle)) | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:34 |
| S67 | 1548 | 128/204.18.ccls.  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:35 |
| S68 | 48   | S67 and (inhalation same time same (measure sense record))  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:36 |

|     |     |  |                                     |     |    |                     |
|-----|-----|--|-------------------------------------|-----|----|---------------------|
| S69 | 103 | US-20060243277-\$ or<br>US-20090025718-\$ or<br>US-20090025714-\$ or<br>US-20080257337-\$ or<br>US-20080047553-\$ or<br>US-20070125370-\$ or<br>US-20050229931-\$ or<br>US-20030146300-\$ or<br>US-20010022279-\$ or<br>US-20020104532-\$ or<br>US-20040123864-\$ or<br>US-20040089299-\$ or<br>US-20040084044-\$ or<br>US-20030223936-\$ or<br>US-200302055229-\$ or<br>US-20030019493-\$ or<br>US-20020104530-\$ or<br>US-20020011247-\$ or<br>US-20020023639-\$ or<br>US-20020112723-\$ or<br>US-20020185125-\$ or<br>US-20030101991-\$ or<br>US-20030136400-\$ or<br>US-20030075171-\$ or<br>US-20040016434-\$).<br>did. or (US-5842468-\$<br>or US-6116233-\$ or US-<br>6129080-\$ or US-<br>6131568-\$ or US-<br>6192876-\$ or US-<br>6237589-\$ or US-<br>6367470-\$ or US-<br>6584971-\$ or US-<br>7451760-\$ or US-<br>RE40591-\$ or US-<br>6119953-\$ or US-<br>5906202-\$ or US-<br>5713349-\$ or US-<br>5404871-\$ or US-<br>4677975-\$ or US-<br>7073499-\$ or US-<br>6886557-\$ or US-<br>6782886-\$ or US-<br>6637430-\$ or US-<br>6629526-\$ or US-<br>6443146-\$ or US-<br>6205999-\$ or US-<br>6152130-\$ or US-<br>6131570-\$ or US-<br>5894841-\$ or US-<br>6681767-\$).did. or (US-<br>6450163-\$ or US-<br>6425392-\$ or US-<br>6230706-\$ or US-<br>6102036-\$ or US- | US PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/04/24<br>10:48 |
|-----|-----|--|-------------------------------------|-----|----|---------------------|

6070575-\$ or US-  
5839429-\$ or US-  
5794612-\$ or US-  
5608647-\$ or US-  
5522385-\$ or US-  
5333106-\$ or US-  
5020527-\$ or US-  
4981295-\$ or US-  
4788456-\$ or US-  
6550477-\$ or US-  
5839430-\$ or US-  
5809997-\$ or US-  
5542410-\$ or US-  
5363842-\$ or US-  
7487774-\$ or US-  
6135967-\$ or US-  
5622164-\$ or US-  
5167506-\$ or US-  
5758638-\$ or US-  
7185650-\$ or US-  
7185651-\$ or US-  
6910482-\$ or US-  
6651658-\$).did. or (US-  
6109260-\$ or US-  
5865174-\$ or US-  
6571793-\$ or US-  
6422236-\$ or US-  
5479920-\$ or US-  
7244714-\$ or US-  
6640804-\$ or US-  
5970973-\$ or US-  
4281651-\$).did. or (GB-  
2395437-\$).did. or (GB-  
2320900-\$ or WO-  
9748431-\$ or WO-  
0037132-\$ or EP-  
824023-\$ or EP-  
627266-\$ or WO-  
9417370-\$ or DE-  
19720701-\$ or WO-  
9963946-\$ or WO-  
0209574-\$ or WO-  
03059423-\$ or WO-  
02058771-\$ or WO-  
0158514-\$ or WO-  
0038770-\$ or WO-  
0050111-\$ or GB-  
2343122-\$).did.

|     |     |   |                                     |     |    |                     |
|-----|-----|---|-------------------------------------|-----|----|---------------------|
| S70 | 40  | (inhaler or nebulizer or atomizer or dispenser) and inhalation and (time or duration or timespan or time-span or (time adj span) or lapse) and (measure or record or sense or calculate)  | EPO; JPO;<br>DERWENT                | AND | ON | 2009/04/24<br>13:41 |
| S71 | 102 | (US-20060243277-\$ or US-20090025718-\$ or US-20090025714-\$ or US-20080257337-\$ or US-20080047553-\$ or US-20070125370-\$ or US-20050229931-\$ or US-20030146300-\$ or US-20010022279-\$ or US-20020104532-\$ or US-20040123864-\$ or US-20040089299-\$ or US-20040084044-\$ or US-20030223936-\$ or US-20030205229-\$ or US-20030019493-\$ or US-20020104530-\$ or US-20020011247-\$ or US-20020023639-\$ or US-20020112723-\$ or US-20020185125-\$ or US-20030136400-\$ or US-20030075171-\$ or US-20040016434-\$). did. or (US-5842468-\$ or US-6116233-\$ or US-6129080-\$ or US-6131568-\$ or US-6192876-\$ or US-6237589-\$ or US-6367470-\$ or US-6584971-\$ or US-7451760-\$ or US-RE40591-\$ or US-6119953-\$ or US-5906202-\$ or US-5713349-\$ or US-5404871-\$ or US-4677975-\$ or US-7073499-\$ or US-6886557-\$ or US-6782886-\$ or US-6637430-\$ or US-6629526-\$ or US-6443146-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | AND | ON | 2009/04/30<br>10:23 |

6205999-\$ or US-  
6152130-\$ or US-  
6131570-\$ or US-  
5894841-\$ or US-  
6681767-\$).did. or (US-  
6450163-\$ or US-  
6425392-\$ or US-  
6230706-\$ or US-  
6102036-\$ or US-  
6070575-\$ or US-  
5839429-\$ or US-  
5794612-\$ or US-  
5608647-\$ or US-  
5522385-\$ or US-  
5333106-\$ or US-  
5020527-\$ or US-  
4981295-\$ or US-  
4788456-\$ or US-  
6550477-\$ or US-  
5839430-\$ or US-  
5809997-\$ or US-  
5542410-\$ or US-  
5363842-\$ or US-  
7487774-\$ or US-  
6135967-\$ or US-  
5622164-\$ or US-  
5167506-\$ or US-  
5758638-\$ or US-  
7185650-\$ or US-  
7185651-\$ or US-  
6910482-\$ or US-  
6651658-\$).did. or (US-  
6109260-\$ or US-  
5865174-\$ or US-  
6571793-\$ or US-  
6422236-\$ or US-  
5479920-\$ or US-  
7244714-\$ or US-  
6640804-\$ or US-  
5970973-\$ or US-  
4281651-\$).did. or (GB-  
2395437-\$).did. or (GB-  
2320900-\$ or WO-  
9748431-\$ or WO-  
0037132-\$ or EP-  
824023-\$ or EP-  
627266-\$ or WO-  
9417370-\$ or DE-  
19720701-\$ or WO-  
9963946-\$ or WO-  
0209574-\$ or WO-  
03059423-\$ or WO-  
02058771-\$ or WO-  
0158514-\$ or WO-  
0038770-\$ or WO-

|     |     |  |                 |     |    |                  |
|-----|-----|--|-----------------|-----|----|------------------|
|     |     | 0050111-\$ or GB-2343122-\$).did.  |                 |     |    |                  |
| S72 | 5   | S71 and (time with stop with inhal\$5)   | US-PGPUB; USPAT | AND | ON | 2009/04/30 10:23 |
| S73 | 19  | ((600/529-538).ccls. AND ((inhaling OR inhalation OR inhale OR inspir\$6) NEAR8 (detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) AND ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period)) AND (inhaler)) | US-PGPUB; USPAT | AND | ON | 2009/04/30 10:32 |
| S75 | 5   | ((inhaling OR inhalation OR inhale OR inspir\$6) NEAR8 (detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) same ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period)) same (inhaler)                         | US-PGPUB; USPAT | AND | ON | 2009/04/30 11:14 |
| S76 | 282 | 604/23.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/30 11:18 |
| S77 | 42  | S76 and ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period))  | US-PGPUB; USPAT | AND | ON | 2009/04/30 12:49 |
| S78 | 72  | S76 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB; USPAT | AND | ON | 2009/04/30 12:49 |
| S79 | 10  | (depend\$ with (stop or cease or quit) with inhal\$5)  | US-PGPUB; USPAT | AND | ON | 2009/04/30 13:08 |
| S80 | 334 | 604/26.ccls.   | US-PGPUB; USPAT | AND | ON | 2009/04/30 13:19 |
| S81 | 87  | S80 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB; USPAT | AND | ON | 2009/04/30 13:20 |
| S82 | 79  | inhalation with time with adjust\$   | US-PGPUB; USPAT | AND | ON | 2009/04/30 13:40 |

|     |     |   |                           |     |    |                     |
|-----|-----|---|---------------------------|-----|----|---------------------|
| S83 | 144 | "20010004894"  <br>"20010015204"  <br>"20010027791"  <br>"20010027792"  <br>"20010035186"  <br>"20010035187"  <br>"20020104536"  <br>"20030159695"  <br>"20040035422"  <br>"20040103896"  <br>"20050034724"  <br>"4011859"   "4350166"<br>"4506678"  <br>"4648396"   "4655213"<br>"4713558"  <br>"4728499"   "4773411"<br>"4817013"  <br>"4821736"   "4944310"<br>"4994117"  <br>"5065756"   "5117819"<br>"5124129"  <br>"5134995"   "5148802"<br>"5166075"  <br>"5179002"   "5193544"<br>"5199424"  <br>"5203343"   "5239995"<br>"5245995"  <br>"5279289"   "5313937"<br>"5332901"  <br>"5335654"   "5343878"<br>"5353788"  <br>"5394882"   "5433193"<br>"5438980"  <br>"5445160"   "5456249"<br>"5458137"  <br>"5490502"   "5492113"<br>"5503146"  <br>"5522382"   "5535738"<br>"5535739"  <br>"5537997"   "5540219"<br>"5546933"  <br>"5549106"   "5551418"<br>"5551419"  <br>"5558638"   "5592938"<br>"5598838"  <br>"5630411"   "5632269"<br>"5655522"  <br>"5679884"   "5682878"<br>"5694923"  <br>"5701883"   "5704345"<br>"5715812"  <br>"5738106"   "5740795"<br>"5765563"  <br>"5794614"   "5794615"<br>"5803065" | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/04/30<br>13:48 |
|-----|-----|---|---------------------------|-----|----|---------------------|

|     |      |   |                    |     |    |                     |
|-----|------|---|--------------------|-----|----|---------------------|
|     |      | "5803066"   "5823187"<br>"5845636"  <br>"5865173"   "5881717"<br>"5881723"  <br>"5901704"   "5904141"<br>"5915379"  <br>"5915380"   "5927274"<br>"5937851"  <br>"5947115"   "5953713"<br>"5954050"  <br>"5970975"   "6017315"<br>"6024089"  <br>"6026312"   "6029660"<br>"6029664"  <br>"6029665"   "6044843"<br>"6085747"  <br>"6091973"   "6095974"<br>"6099481"  <br>"6102042"   "6105575"<br>"6123074"  <br>"6123075"   "6135106"<br>"6138675"  <br>"6142952"   "6152129"<br>"6155986"  <br>"6182657"   "6183423"<br>"6212435"  <br>"6213119"   "6237592"<br>"6237593"  <br>"6240921"  <br>"6253764").PN. OR<br>("6257234"  <br>"6269811"   "6269812"<br>  "6279569"  <br>"6299581"   "6302105"<br>"6305372"  <br>"6305373"   "6305374"<br>"6349724"  <br>"6357463"   "6443154"<br>"6467477"  <br>"6609517"   "6745770"<br>"6752151"  <br>"6766800"   "6823866"<br>"6866040"  <br>"6895964"   "RE35295"<br>  "RE35339").PN. OR<br>("7152598").URPN. |                    |     |    |                     |
| S84 | 1060 | 600/529.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/30<br>15:14 |
| S85 | 40   | S84 and ((adjust\$5 OR<br>adapt\$5 OR chang\$5)<br>WITH (time OR period)<br>same inhal\$)   | US-PGPUB;<br>USPAT | AND | ON | 2009/04/30<br>15:15 |

|      |      |  |                           |     |    |                     |
|------|------|--|---------------------------|-----|----|---------------------|
| S86  | 606  | 600/538.ccls.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>15:34 |
| S87  | 46   | S86 and ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period) same inhal\$)   | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>15:35 |
| S88  | 1023 | 604/890.1.ccls.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S89  | 2    | S88 and ((adjust\$5 OR adapt\$5 OR chang\$5) WITH (time OR period) same inhal\$)   | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S90  | 7    | S88 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period) same inhal\$)   | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:04 |
| S91  | 571  | S88 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:05 |
| S92  | 52   | S91 and inhal\$  | US-PGPUB;<br>USPAT        | AND | ON | 2009/04/30<br>16:05 |
| S94  | 1    | "4677975".pn.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/01<br>13:55 |
| S95  | 1    | "6240920".pn.  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/01<br>14:06 |
| S96  | 231  | ("3726270"   "4106503"   "4109656"   "4174712"   "4206644"   "4253468"   "4357936"   "4462398").PN. OR ("4677975").URPN. | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/05/01<br>14:24 |
| S97  | 731  | 604/65.ccls.   | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:31 |
| S98  | 478  | S97 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:32 |
| S99  | 362  | S97 and ((adjust\$5 OR adapt\$5 OR chang\$5) with (time OR period))  | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:32 |
| S100 | 3    | S97 and ((adjust\$5 OR adapt\$5 OR chang\$5) with (time OR period) same (inhaler or dispenser or nebulizer or atomizer)) | US-PGPUB;<br>USPAT        | AND | ON | 2009/05/04<br>08:39 |

|      |      |   |                    |     |    |                     |
|------|------|---|--------------------|-----|----|---------------------|
| S101 | 441  | 604/66.ccls.  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:04 |
| S102 | 10   | S101 and ((adjust\$5 OR adapt\$5 OR chang\$5) with (time OR period) same (inhaler or dispenser or nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:04 |
| S103 | 11   | S101 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period) same (inhaler or dispenser or nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:19 |
| S104 | 308  | S101 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:35 |
| S105 | 841  | 604/67.ccls.  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:42 |
| S106 | 13   | S105 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period) same (inhaler or dispenser or nebulizer or atomizer)) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:43 |
| S107 | 428  | S105 and ((adjust\$5 OR adapt\$5 OR chang\$5) with (time OR period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:45 |
| S108 | 334  | S105 and ((adjust\$5 OR adapt\$5 OR chang\$5) near5 (time OR period))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:45 |
| S109 | 1023 | 604/890.1.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:56 |
| S110 | 571  | S109 and ((adjust\$5 OR adapt\$5 OR chang\$5) same (time OR period))  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>09:56 |

|      |     |   |                    |     |    |                     |
|------|-----|---|--------------------|-----|----|---------------------|
| S111 | 560 | (inhaling OR inhalation OR inhale OR inspir\$6) NEAR8<br>(detect\$5 OR sensing OR sensor\$3 OR monitor\$3 OR indicat\$4 OR determin\$6)) AND<br>((adjust\$5 OR adapt\$5 OR chang\$5) WITH<br>(time OR period)) AND<br>(inhaler) | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:25 |
| S112 | 200 | inhaler and (threshold near5 time)  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S113 | 180 | S112 and signal\$   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S114 | 114 | S113 and microprocessor   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S115 | 200 | inhaler and (threshold near5 time)  | US-PGPUB;<br>USPAT | AND | ON | 2009/05/04<br>10:48 |
| S116 | 1   | "20060243277"   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/14<br>15:22 |
| S118 | 1   | "6571793".pn.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/14<br>15:23 |
| S119 | 196 | 434/238.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:42 |
| S120 | 42  | S119 and (inhale or threshold or (time with (stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:43 |
| S121 | 788 | 434/236.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:43 |
| S122 | 199 | S121 and (inhale or threshold or (time with (stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |
| S123 | 711 | 434/262.ccls.   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |
| S124 | 135 | S123 and (inhale or threshold or (time with (stop or cease)))   | US-PGPUB;<br>USPAT | AND | ON | 2009/05/18<br>17:44 |

5/19/2009 9:44:52 AM

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